

K1H-PU

Light and highly flexible
hose of Polyurethane

- abrasive resistant
- free of halogens
- highly flexible

MEDIUM



PROPERTIES



Structure:

Outer bore of Polyurethane (PU), Shore A 85; PU-coated spring steel spiral, welded to outer bore

Characteristics:

Light and highly flexible hose, excellent mechanical properties, high tensile strength and breaking elongation, abrasive resistant and free of halogens

Applications:

Cable protection hose, air ducting, suction/blow or transportation hose, especially feasible for high end vacuum cleaners and industrial scrubbers

Temperature range:

-40°C up to +90°C (short term up to +125°C)

Colour:

Black

Specials:

Also in with UL certification available

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
10	15,6	-	10	0,084	450	0,60	1-1806-010-00
12	17,6	-	12	0,098	450	0,60	1-1806-012-00
14	19,6	-	14	0,112	450	0,60	1-1806-014-00
16	21,6	-	16	0,126	450	0,60	1-1806-016-00
18	23,6	-	18	0,140	450	0,60	1-1806-018-00
20	25,6	-	20	0,154	450	0,60	1-1806-020-00
22	27,6	-	22	0,163	450	0,60	1-1806-022-00

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
26	31,6	-	26	0,181	450	0,60	1-1806-026-00
30	35,6	-	30	0,187	450	0,60	1-1806-030-00
32	37,6	-	32	0,199	450	0,60	1-1806-032-00
35	40,6	-	35	0,203	450	0,60	1-1806-035-00
38	43,6	-	38	0,225	450	0,60	1-1806-038-00
40	45,6	-	40	0,239	450	0,60	1-1806-040-00
42	47,6	-	42	0,242	450	0,60	1-1806-042-00
45	50,6	-	45	0,258	450	0,60	1-1806-045-00
48	54,0	-	48	0,266	450	0,60	1-1806-045-00
50	56,0	-	50	0,301	350	0,60	1-1806-050-00
51	57,0	-	51	0,320	350	0,60	1-1806-051-00
55	61,0	-	55	0,375	350	0,60	1-1806-055-00
60	66,0	-	60	0,411	350	0,60	1-1806-060-00
65	71,4	-	65	0,474	350	0,60	1-1806-065-00
70	76,4	-	70	0,510	350	0,60	1-1806-070-00
75	81,4	-	75	0,550	350	0,60	1-1806-075-00
80	87,0	-	80	0,581	350	0,60	1-1806-080-00
90	97,0	-	90	0,652	350	0,60	1-1806-090-00
100	107,0	-	100	0,723	350	0,60	1-1806-100-00
102	109,0	-	102	0,822	300	0,40	1-1806-102-00
110	117,0	-	130	0,846	300	0,40	1-1806-110-00
120	127,0	-	150	0,939	300	0,40	1-1806-120-00
127	134,0	-	180	1,100	300	0,40	1-1806-127-00
130	138,0	-	180	1,160	200	0,30	1-1806-130-00
140	148,0	-	185	1,250	200	0,30	1-1806-140-00
150	158,0	-	190	1,284	200	0,30	1-1806-150-00
160	168,0	-	195	1,368	200	0,30	1-1806-160-00
175	183,0	-	205	1,494	200	0,30	1-1806-175-00
180	188,0	-	220	1,536	200	0,30	1-1806-180-00
200	208,0	-	250	1,704	150	0,15	1-1806-200-00
250	258,0	-	330	2,010	150	0,15	1-1806-250-00
300	308,0	-	420	2,228	80	0,10	1-1806-300-00

Further diameters upon request.

VACUFLEX GmbH | Hessening 8-12
64546 Mörfelden-Walldorf | Germany
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60
info@vacuflex.de | www.vacuflex.de

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)
Stand: 08/2019

State: 18.08.2019

VACUFLEX GmbH | Hessenring 8-12
64546 Mörfelden-Walldorf | Germany
Tel. +49 6105 9339 0 | Fax: +49 6105 9339 60
info@vacuflex.de | www.vacuflex.de

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advise you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)
Stand: 08/2019

